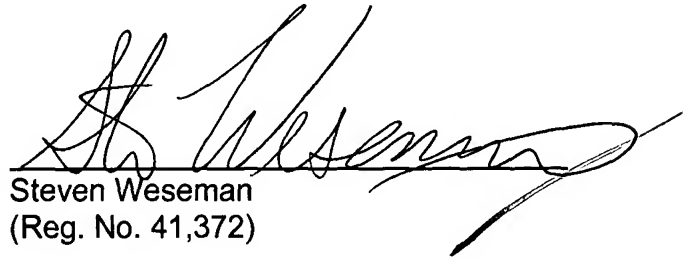


Applicants respectfully request that the originally filed specification be replaced with the enclosed substitute specification in order to correct inadvertent editorial errors. This substitute specification includes no new matter. A marked-up copy showing the corrections to the originally filed specification is also enclosed.

Likewise, claims 1, 20, 21 and 32 have been amended to correct inadvertent editorial errors. A marked-up version showing the corrections to the originally filed claims follows these remarks.

Respectfully submitted,



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CERTIFICATE OF MAILING

I, Joan C. Ramm, hereby certify that this Response to Elections/Restrictions is being deposited with the United States Postal Service as first class mail on March 28, 2003 in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.



Joan C. Ramm

28 March 2003
Date

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claim 1 has been amended as follows:

1. A duplexing communication signal filter for connection to an antenna, a transmitter and a receiver, the signal filter suitable for filtering an incoming signal from the antenna to the receiver and for filtering an outgoing signal from the transmitter to the antenna, the filter comprising:

a substantially U-shaped core of dielectric material including a transmit arm, a receive arm and a base portion joining the transmit arm to the receive arm, each arm having an inwardly facing surface and an outwardly facing surface and each arm defining a series of through-holes, each through-hole extending through the arm between an opening at the inwardly facing surface and an opening at the outwardly facing surface; and

a pattern of metallized and unmetallized areas on the core including,

a wide area of metallization [for providing off-band signal absorption],

a first unmetallized area surrounding a plurality of the through-hole openings on the outwardly facing surface of the transmit arm,

a second unmetallized area surrounding a plurality of the through-hole openings on the outwardly facing surface of the receive arm,

a transmitter pad metallized area on the transmit arm for receiving the outgoing signal,

a receiver pad metallized area on the receive arm for providing the incoming signal,

an antenna pad metallized area on the base portion for receiving the incoming signal and outputting the outgoing signal, and

a bridge metallized area extending between the transmit arm and the receive arm.

Claim 20 has been amended as follows:

20. The filter according to claim 1 wherein the receive[r] arm

outwardly facing surface has a metallization pattern as shown in FIG. 3.

Claim 21 has been amended as follows:

21. The filter according to claim 1 wherein the series of through-holes defined by the transmit arm are each axially aligned with the series of through-holes defined by the receive[r] arm.

Claims 22-27 have been cancelled.

Claim 32 has been amended as follows:

32. A duplexing communication signal filter adapted for connection to an antenna, a transmitter and a receiver for filtering an incoming signal from the antenna to the receiver and for filtering an outgoing signal from the transmitter to the antenna, the filter comprising:

- a substantially U-shaped core of dielectric material including a first arm, a second arm and a base portion joining the first arm to the second arm, each arm defining a series of through-holes extending through the arm; and

- a surface pattern of metallized and unmetallized areas on the core including,

- a wide area of metallization [for providing off-band signal absorption],

- a first unmetallized area surrounding at least one of the through-holes of the transmit arm,

- a second unmetallized area surrounding at least one of the through-holes,

- a transmitter pad metallized area on the first arm for receiving the outgoing signal,

- a receiver pad metallized area on the second arm for providing the incoming signal,

- an antenna pad metallized area on the base portion for receiving the incoming signal and outputting the outgoing signal, and

- a bridge metallized area extending between the first arm and the second arm being capacitively coupled to the antenna pad.

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Claim 33 has been cancelled.